

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch

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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:** Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-004099**Date Inspected:** 22-Sep-2008**Project Name:** SAS Superstructure**OSM Arrival Time:** 630**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1430**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China

CWI Name:	N/A			CWI Present:	Yes	No	
Inspected CWI report:	Yes	No	N/A	Rod Oven in Use:	Yes	No	N/A
Electrode to specification:	Yes	No	N/A	Weld Procedures Followed:	Yes	No	N/A
Qualified Welders:	Yes	No	N/A	Verified Joint Fit-up:	Yes	No	N/A
Approved Drawings:	Yes	No	N/A	Approved WPS:	Yes	No	N/A
				Delayed / Cancelled:	Yes	No	N/A

Bridge No: 34-0006**Component:** OBG Side Panel**Summary of Items Observed:**

On this date CALTRANS OSM Quality Assurance (QA) Inspector was present during the times noted above for observations relative to the work being performed.

Bay 4 – OBG Sub Assembly

This QA Inspector observed ZPMC quality control personnel performing Magnetic Particle Testing (MT) of edge plate and side panel fillet welds. The edge plates and side panels tested are designated as: EP102A, EP106A, SP574-001, EP105B, and EP101B. ZPMC quality control personnel discovered an rejectable indication on side panel weld SP574-001-055. After light grinding, the area where the indication was observed was retested using the MT method. No further rejectable indication was discovered.

Magnetic Particle Testing

This QA Inspector performed Magnetic Particle Testing (MT) of approximately 15% of the area previously tested by ZPMC MT personnel. This QA Inspector generated a TL-6028 MT report on this date. The edge plate and side panel designation numbers are as follows: EP102A, EP106A, SP574-001, EP105B, and EP101B

Tracking and Log Book

This QA Inspector reviewed the contract files and tracking logs for the Magnetic Particle Testing (MT), Ultrasonic Testing (UT), Welding Procedure Specifications (WPS), Procedure Qualification Records (PQR), and QC Inspector records for the deck panel repairs to date.

Summary of Conversations:

WELDING INSPECTION REPORT

(Continued Page 2 of 2)

No relevant conversations.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Ady Velasco, (858) 232-6799, who represents the Office of Structural Materials for your project.

Inspected By:	Clifford,William
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Quality Assurance Inspector

Reviewed By:	Cuellar,Robert
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QA Reviewer
